

I claim:

✓ An insecticide, fungicide and fertilizer composition is produced by the process comprising of

mixing, heating and reacting the following components:

(A). urea;

(B). nitrogen containing compound that condensates and/or react with isocyanuric acid and
/or cyanic acid;

(C). water;

(D). Salt forming compounds;

(E). filler;

components A and B are first reacted to produce an amino condensation compound, then component C is added, mixed and reacted, thereby producing a partially hydrolyzed amino condensation compound, then component D is added and reacted thereby producing a partially hydrolyzed amino salt composition, and then component E is added and mixed.

2. An insecticide, fungicide and fertilizer composition of Claim 1 wherein the nitrogen containing compound that will condensate and/or react with isocyanuric acid and/or cyanic acid, produced by heating urea, is selected from the group consisting of urea, amino compounds, amines, polyamines, urea derivatives, thiourea, thiourea derivatives, guanidine carbonate, urea carbonates, ammonium carbamic acid, ammonium bicarbonate and mixtures thereof, in an amount of 10 to 300 part by weight.
3. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the salt forming compounds are selected from the group consisting of phosphorus containing compounds, boron containing compounds, boron-phosphate containing compounds and sulfur

containing compounds, and alkali metal compounds and alkaline earth metal compounds, in an amount of 0 to 300 parts by weight.

4. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the filler is selected from the group consisting of urea, melamine, dicyandiamide, melamine cyanurate, amino phosphates, aminopolyphosphates, aminoplasts, phenoplasts, powdered synthetic resins, sawdust, carbohydrates, cyanuric derivatives or their formaldehyde resins, ammonium sulfate, ammonium phosphate, amino phosphates, potassium phosphate, amino sulfates, silica, alkali metal silicates, alkaline earth metal silicates, metals, metal silicates, oxides, carbonates, sulphates, phosphates and borates, potassium hydrogen phosphate and mixtures thereof, in an amount 0 to 300 parts by weight.

5. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the partially hydrolyzed amino condensation compound is a partially hydrolyzed urea-ammonium carbamate condensation compound.

6. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the partially hydrolyzed amino condensation compound is a partially hydrolyzed urea-urea sulfate condensation compound.

7. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the partially hydrolyzed amino condensation compound is a partially hydrolyzed urea-dicyandiamide condensation compound.

8. The insecticide, fungicide and fertilizer composition of Claim 1 wherein the salt forming compound is a phosphorus containing compounds that reacts with the partially hydrolyzed amino condensation compound and utilized as the partially hydrolyzed amino condensation composition.

amino condensation compound, then component C is added, mixed, heated and reacted thereby producing a partially hydrolyzed amino condensation compound, then component D is added then mixed and/or reacted, and then component E is added and mixed.

Ruey
126

16. The method of Claim 16 wherein the partially hydrolyzed amino condensation composition is a partially hydrolyzed urea condensation compound having the general formula of: $(\text{NH}_4 \text{OOC-})_n (-\text{NHCO-})_y$ wherein n is a number 1-3 and y is a number 1-8.
17. The method of Claim 16 wherein the partially hydrolyzed amino condensation composition is a partially hydrolyzed urea-amino condensation compound having the general formula of: $(\text{NH}_4\text{OOC-})_n (-\text{NHCO-})_y (\text{NHCH-})_z$ wherein n is a number 1-3, y is a number 1-8 and z is a number 0-8.
18. The method of Claim 16 wherein the amino condensation composition is a partially hydrolyzed urea condensation compound.
19. The product produced by the method of Claim 16.
20. A fertilizer, fungicide and insecticide partially hydrolyzed amino condensation compound produced by reacting 100 parts by weight of urea with 10-40 parts by weight of water under reaction conditions.